

On Natural Radioactivity of Atmospheric Precipitation and Some Problems Related to it, by  
B. I. Styro, Ch. A. Garbalyauskas.  
LITHUANIAN, per, Lietuvos TSR Mokslu Akad.  
Darbai, Serija B, Vol 4, No 31, 1962, pp 23-39.  
PJ11029766  
AEC tr-6754

Sci/Nuclear Sci  
Oct 66

309,519

On the Polarization of Certain Ions, by  
V. V. Micevicius.  
LITHUANIAN, per, Lietuvos TSR Mokslu Akad. Vol 4.  
1964, pp 81-85.  
AEC UCRL-tr-1325

Sci/Physics  
Oct 66

311,448

Photosensitivity of  $Sb_2S_3$  Single Crystals to  
X-Rays, by A. Sirvaitis, B. Aleksayunas.  
LITHUANIAN, per. Lietuvos Fizikos Rinkinyva. Vol  
4, No 4, 1964, pp 551-557.  
NLL 5828.4F (12035)

Sci-Meth and Equip  
Jul 68

361,687

Request translation check 28-11-3 BT69-1-2169T  
Ablation of heat-resistant polymers, I - Analysis of the  
Mechanism of Ablation Destruction  
A Maciulis, I Zilinskaite  
Liet. TSR Mokslu Akad. Darb., Ser. B (Digest No. 081985R  
(LMDBAL196900010001510061) ?  
vol 71, nr 18, pages unk  
*In process as*  
*HT-23-14-70*  
*Derivative*  
*of Dec 69*

**Catalytic Decomposition of Chlorites. 2: De-  
composition of Sodium Chlorite in the Presence  
of Cobalt and Nickel Hydroxides, by**

**A. Yu. Prokopchik. 27 pp.**

**RUSSIAN, per, Listyvos TSR Nokolu Akad Darbai,  
Ser C, Vol 1, No 24, 1961, pp 133-142.**

**NASA TT F-12,206**

Sci-Chem  
Nov 69

395,646

On Natural Atmospheric Precipitation of Radio-  
activity and Problems Related to it, by

B. I. Styro.

LITHUANIAN, per, Lietuvos TSR Mokslu Akad. Darbai,  
Ser. B. No 4, 31: 1962, pp 23-29.

CABC 6754

Sci/Nuclear Sci  
May 66

Mathematical Apparatus of the Theory of Angular  
Momentum, by A. P. Jucys, J. Levinsonas, V.  
Vanagas.

LITHUANIAN, PER, ~~XX~~ Lietuvos TSR Mokslu Akademijs,  
Vilna Fizikos ir Matematikos Inst Publikacija,  
No 3, 1960, 210 pp.

\*AEC

Sci - Phys

20 Feb 1963

Quantitative Measurements of Cloud Element  
Radioactivity by V. Yu. (In.) Potaius, 22 pp.

LITHUANIAN, per, ~~Mažintai Pranešimai,~~  
~~Lietuvos TSR Mokslu Akad., Geol, ir Geograf.,~~  
Inst., 1960, No 11, pp 48-68. 92136007 Put on  
ditto!

ABC-tr-5891.

Sci - Phys  
Oct 63

~~SECRET~~  
Vertical Distribution of Radioactivity in  
Cloud Elements by V. Yu. (Yu.) Potaius, 9 p.

*Lietuvos*  
LITHUANIAN, per *ISR*, Mokalu Akad., Geol. ir  
Geograf. Inst., No 11, 73-80, 1960. *92136354 Put on*  
*ditto!*

AEC-Tr-5871

Sci - Earth Sci & Ast  
Oct 63

Some New and Little Known Upper Triassic  
Athyridae, by A. Dągs.  
RUSSTAS, per, Idutuvos TER Ma Geologijos  
ir Geografijos Institutas Moksliniai  
Pranesimai Geologija, Geografija, 1962,  
Vol 14, No 1, pp 59-75.  
N.L. ERS 2526 (On Loan or Purchase)

Aug 65

287,026

The Face of the Earth and Its Origin, by  
G. N. Katterfel'd. 124 pp.  
RUSSIAN, bk, Lik Zemli i Ego Proiskhozhd-  
eniye, 1962.  
NAS/NASA/TT P-533 69

Sci-Ear Sci  
June 69

384,554

Eradication of Foot-and-Mouth Disease in the  
Initial Stage, by F. A. Amfitestrov, 31 pp.

RUSSIAN, pamphlet, Likvidatsiya Iashchura y  
Pervichnaya Ochaga, Moscow, 1956. CIA 9014342

USDA

Sci - Medicine  
Dec 57

55,806

<p>Smogorzhevskii, A. S. THE RULER IN GEOMETRICAL CONSTRUCTIONS, tr. by H. Moss. 1961, 1v. Order from PP Trans. of mono. [<u>Linelka v Geometricheskikh Postroen-</u> <u>iyakh</u>, Moscow, 1957, 62p.].</p>	<p>63-17299</p> <p>I. Title: Rulers (Mathematical) I. Smogorzhevskii, A. S. II. Pergamon Press, Inc., New York</p>
<p>DESCRIPTORS: *Geometry, *Geometric forms, Construction, Tools.</p>	<p>Office of Technical Services</p>
<p>(Mathematics, TT, v. 10, no. 1)</p>	

The Straightedge in Geometric Constructions, by  
A. S. Smogorzhevskiy.

RUSSIAN, bk, Lineika v Geometricheskikh  
Postroeniya.

D.C. Heath Co., Publ  
285 Columbus Ave  
Boston 16, Mass.

per Memo: HSF  
16 Dec 60

Linear Programming, by D. B. Yudin, E. G. Goldstein.

520 pp  
RUSSIAN, mono, Lineinoye Programirovanie, n.p. 1963.

IPST Cat no 2154

Sci  
Jul 63

Linear Programming in Mining, by A. S. Astakhov.

RUSSIAN, bk, Lineinoe Programirovanie v Gornom  
Dele, 1964, 143 pp.

\*SFCSI  
FY-1965

Sci  
Jan 65

Linear Ion Accelerators, by D. V. Karetnikov, I. N. Sliykov,  
et al, 226 pp.  
RUSSIAN, bk, Leninye Uskoriteli Ionov, Moscow, 1962,  
208 pp. 9219769; 9220586

AEC-TT-6229

Sci-Nucl Sci  
Mar 64

251,218

Linear Theory of Shells, Part I, General  
Theory, by K. F. Chernykh.

RUSSIAN, bk, Lineynaya Teoriya Obolochek,  
Leningrad Univ, 1962, pp 1-274.

\*TABS

Sci - Phys  
Jun 63

Linear Theory of Shells. Part I. General  
Theory (1962) 274 pp. Part II. Certain  
Theoretical Problems, by E. F. Gerasymov.  
RUSSIAN, rpt, Lineynaya Teoriya Obolochek,  
1964, 395 p.  
\*NASA TT F-441

Sci-Phys  
Jul 66

68-22655

Solodov, A. V.  
LINEAR AUTOMATIC CONTROL SYSTEMS WITH  
VARIABLE PARAMETERS. 1963, 340p  
Order from Scripta Technica, Inc., 1000 Vermont  
Ave., N. W., Washington, S, D. C.

- I. Title: Pulse systems
- I. Solodov, A. V.
- II. Scripta Technica, Inc.,  
Washington, D. C.

Trans. of mono. [Lineinye Sistemy Avtomaticheskogo  
Upravleniye s Peremennymi Parametrami, Moscow,  
1962, 324p].

DESCRIPTORS: \*Control systems, Linear systems,  
Functions, Input-output devices, Transformations,  
Automatic, \*Automation.

(Engineering--Electronic, TT, v. 10, no. 12)

Office of Technical Services

Linear Differential Equations With Variable  
Coefficients (International Monographs on Advanced  
Mathematics and Physics), by I. Z. Shtokalo, 96 pp.

RUSSIAN, monograph, Lineynyye Differentsial'nyye  
Uravneniya s Peremennymi Koeffitsiyentami, 1960,  
75 pp.

Hindustan Publishing Corp. (India)

*Gordon & Breach*

*183, 735*

Sci - Math

Mar 62

Linear Ion Accelerators, by D. V. Karetnikov,  
I. N. Slivkov, 239 pp. POST EDITED  
RUSSIAN, bk, Lineynnye Uskoriteli Ionov,  
Moscow, 1962, pp 1-208. 9695246

FTD-MT-63-282  
GOV'T USE ONLY

Sci - Phys  
Nov 64

269,302

(DC-3901)

A Study of Relations Between Codes X of Various  
Ranks, by V. V. Ivanov, 16 pp.

RUSSIA, bk, Lingvisticheskiye Issledovaniya po  
Machinomu Perevodu, No 2, 1961.

JPRS 13173

Sci - Misc  
Machine Translation  
Apr 62

190,853

(DC-3901)

Linguistics as a Theory of Relations Between  
Language Systems and Its Modern Practical  
Applications, by V. V. Ivanov, 35 pp.

RUSSIAN, bk, Lingvisticheskiye Issledovaniya po  
Mashinomu Perevodu, No 2, 1961.

JPRS 13173

Sci - Misc  
Machine Translation  
Apr 62

190,854

(DC-3901)

On Information Language for Geometry and  
Algorithm for Translation From Russian Into  
Information Language, by A. V. Kuznetsov,  
E. V. Paducheva, et al, 47 pp.

RUSSIAN, bk, Lingvisticheskiye Issledovaniya po  
Machinomu Perevodu, No 2, 1961.

JPRS 13173

Sci - Misc  
Machine Translation  
Apr 62

190,855

(DC-3901)

On Translation of Titles of Chemical Papers Into  
E Information Language, by H M. M. Langleben,  
A. L. Shumilina, 21 pp.

RUSSIAN, bk, Lingvisticheskiye Issledovaniya po  
Machinomu Perevodu, No 2, 1961.

JPRS 13173

190,856

Sci - Misc  
Machine Translation  
Apr 62

(DC-3901)

Syntagmas of the Russian Language, by  
E. V. Paducheva, A. L. Stumilina, 31 pp.

v

RUSSIAN, bk, Lingvisticheskiye Issledovaniya po  
Machinomu Perevodu, NO 2, 1961.

JPRS 13173

190,857

Sci - Misc  
Machine Translation  
Apr 62

(DC-3901)

Preliminary Articulation of Sentence in Syntactic  
Analysis, by E. V. Paducheva, 4 pp.

RUSSIAN, bk, *Lingvisticheskiye Issledovaniya po*  
*Machinnom Perevodu, No 2, 1961.*

JPRS 13173

190,858

Sci - Misc  
Machine Translation  
Apr 62

(DC-3901)

Establishing A Syntactic Relationship of  
Prepositional Groups in the Russian Language, by  
I. N. Shelimova, 37 pp.

RUSSIAN, bk, Lingvisticheskiye Issledovaniya po  
Machinomu Perevodu, No 2, 1961.

JPRS 13173

190,859

Sci - Misc  
Machine Translation  
Apr 62

(DC-3901)

On Analysis of Third Person Pronoun, by  
A. L. Shumilina, 11 pp.

RUSSIAN, bk, *Lingvisticheskiya Issledovaniya po*  
*Machinnomu Perevodu*, No 2, 1961.

JPRS 13137

Sci - Misc  
Machine Translation  
Apr 62

190,860

(DC -3901)

Establishment of Syntactic Connections for  
Formulas in Russian Mathematical Texts, by  
M. M. Langleben, 10 pp.

RUSSIAN, bk, Lingvisticheskiya Issledovaniya po  
Machinomu Perevodu, No 2, 1961.

JPRS 13173

190,861

Sci - Misc  
Machine Translation  
Apr 62

(DC-3901)

On Redundancy of Certain Contrapositions in the  
Inflection System of Russian Nouns, by  
E. E. V. Paducheva, 15 pp.

RUSSIAN, bk, Lingvisticheskiy<sup>5</sup> EKXK Issledovaniya  
po Mechanizmu Poverzheniya, No 2, 1961.

JPRS 13173

190,862

Sci - Misc  
Machine Translation  
Apr 62

(DC-3901)

On Synthesis of a Simple Russian Sentence, by  
Z. M. Volotakaya, A. L. Shumilina, 3 pp.

RUSSIAN, bk, *Lingvisticheskiya Issledovaniya po*  
*Machinnomu Perevodu*, No 2, 1961.

JPRS 13173

Sci - Misc  
Machine Translation  
Apr 62

190,863

(DC-3901)

Form-Generating in Synthesis of Russian Words,  
by Z. M. Volotakaya, 30 pp.

RUSSIAN, bk, Lingvisticheskiy Issledovaniya po  
Machinomu Perevodu, No 2, 1961.

JPRS 13173

Sci - Misc  
Machine Translation  
Apr 62

190,864

(DC-3901)

On Word Formations in Machine Translation,  
by E. M. Volotskaya, 20 pp.

RUSSIAN, bk, Lingvisticheskiye Issledovaniya po  
Mashinnoy Perevodu, No 2, 1961.

JPRS 13173

Sci - Misc  
Machine Translation  
Apr 62

190,865

(DC-3901)

On Algorithm of Analysis of the English Language  
(For Translation by Means of an X Intermediary  
Language, by E. V. Paducheva, 24 pp.

RUSSIAN, bk, Lingvisticheskiy Issledovaniya po  
Machinomu Perводу, No 2, 1961.

JPRS 13173

Sci - Misc  
Machine Translation  
Apr 62

190,866

(DC-3901)

Word Treatment With Homonymy of Parts of Speech  
in Analyzing English Text, by M. M. Langleben,  
E. V. Paducheva, 9 pp.

RUSSIAN, bk, *Lingvisticheskiy Issledovaniya po*  
*Machinomu Perevodu*, No 2, 1961.

JPRS 13173

190,867

Sci - Misc  
Machine Translation  
Apr 62

(DC-3901)

Syntactic Analysis of Prepositional Groups in  
English Language, by M. M Langleben, 11 pp.

<sup>e</sup>  
RUSSIAN, bk, Lingvisti<sup>e</sup>skiy<sup>e</sup> Issledovaniya po  
Machinomu Peresvodu, v. 2, 1961.

JPRS 13173

Sci - Misc  
Machine translation  
Apr 62

190,868

(DC-3901)

On Analysis and a Possible Way of Simplifying  
Structure of a Language Test, by  
Z. M. Volotskaya, A. L. Shumilina, 14 pp.

RUSSIAN, bk, Lingvisticheskiye Issledovaniya  
po Mehdunarodnu Perevodu, No 2, 1961.

JPRS 13173

Sci - Misc  
Machine Translation  
Apr 62

190,869

(DC-3901)

Some Numerical Data Pertaining to Forms of Nouns  
and Verbs of Russian Language, by Z. M. Volotskaya,  
I. N. Shelimova, ~~XXXXXXXXXX~~ Et al, 10 pp.

RUSSIAN, bk, Lingvisticheskiye Issledovaniya po  
Machinomu Perevodu, No 2, 1961.

JPRS 13173

Sci - Misc  
Machine Translation  
Apr 62

190,870

Linguistic Problems in the Recognition of Chinese and  
Japanese Characters, by S. M. Shevenko, 32 pp.  
RUSSIAN, booklet, Лингвистические вопросы  
Распознавания Китайских и Японских  
Писем, Moscow, 1963, pp 1-42  
JPRS 25469

Sci - M & D Proc  
Aug 64

264,708

Lines and Surfaces in an Affine  
Three-Dimensional Space, by L. K. Tutayev.

RUSSIAN, bk, Linii i Poverkhnosti V Afinnom  
Trokhmermon.

\*IPST

Jan 64

Lines and Surfaces in Three-Dimensional Affine  
Space, by .L. K. Tutayev, 92 p.  
RUSSIAN, mono, Linii i Poverkhnosti v Affianomc  
Trekhmernom Prostranstve, 1962.  
IPST-2086

Sci-Math  
Jul 66

304,458

The Alfalfa Weevil of *Hytonomus*, by  
V. V. Yakhontov.  
RUSSIAN, mono, Istovoi Izutsernoyi Slinik Ili  
Fitonoms, 1934.  
\*CPBII TI 70-57232

Sci/Agri  
Sept 70

Stainless Steel-, Acid-, and Heat-Resistant  
Steels and Alloys, by Yu. P. Davydov,  
D. V. Pokrovskiy, 17 pp.

RUSSIAN, bk. Listovaya Shtampovka Legirovannykh  
Staley i Spilavov. Oborongiz, Moscow, 1962,  
pp 58-72. 9669369

FTD-TT-63-353

Sci-M/M  
July 63

235,817

The Alfalfa Weevil of *Phytonomus*, by  
V. V. Yakhontov. 240 pp.  
RUSSIAN, bk, Listovoi Lyutsemoyi Slonik ili  
Fitonomus, 1934.  
\*CRSII IT 69-53038

sci/b and m  
may 69

Development of the Slush Casting Principle  
to Industrial Quality Production, by  
G. F. Balandin.

RUSSIAN, bk, Lit'e Namorazhivaniem

\*IPST

Jan 64

Bibliography on Problems of Astrobiology.  
by G. N. Katterfel'd.  
RUSSIAN, rpt, Literatura po Probleman  
Astrobiologiy, 54 pp.  
NASA TT F-12,201

Sci-B&M  
July 69

388,563

15,000,000 Television Sets, by P. Shmakov.

RUSSIAN, per, Literatura i Zhizn', No 2, 1959.

USASIA: SC-250b/60

Sci-Electron

Jul 60

#20,811

A New Piston Ring Materia., by E. A.  
Sukhodol'skaya, 9pp.  
RUSSIAN, per, Liteinoe Proizvodstvo,  
No 2, 1953, pp 21-23.  
CFSTI TT-64-18380.

322,672

Sci - Metallurgy  
Apr 67

Production of Cast Metal + Oxide  
Compositions with the Use of Ultrasonic  
Vibrations, by G. I. Pogodina-Alekseev,  
K. F. Shchelokov.  
RUSSIAN, per, Liteinoe Proizvodstvo,  
No 8, 1963, pp 26-27.  
HB 6279

Sci/MGM  
Jun 65

280,954

Comp 21145  
Special 28 Apr 69

Grand Policy and the Man in the Street,  
Yuriy Arbatov.  
RUSSIAN, n,p, Literaturnaya Gazeta, 19  
Mar 1963,

Timbering in the Urals, by Sergei Aleksandrov, 6pp  
RUSSIAN, per, Literaturnaya Gazeta, Moscow, 1 Sep 1964,

p 2  
JPRS 271,26

USSR  
Econ  
Jan 65

271,149

Basic Principles of Alloying Cast Aluminum Alloys  
Depending Upon Their Operating Temperature and  
Area of Application, by I. F. Kolobnev, 10 pp.  
RUSSIAN, rpt, Litevnyye Alyuminivyye Splavy.  
Svoystva, Tekhnologiya Plavki, Iat'ya i Termiche-  
skoy Obrabotki. Sbornik Statev, 1961, pp 5-15.  
AIR/FTD/HT-23-1505-67 AD 679 656

Sci-Mat  
Feb 69

372,958

Aluminum Casting Alloys, Their Properties, Technology of Smelting, Casting, and Heat Treatment. Collection of Articles. 206 pp.

RUSSIAN, rpt, Liteynyve Alyuminiyevyye Splavy: Svoystva, Tekhnologiya Plavki, Lit'ya i Termicheskoy Obrabotki. Sbornik Statey, 1961.

pp 1-203.

AIR.FTD/MT-24-345-67

sci/materials  
apr 69

377,895

Methods of Improving the Quality of Precision  
Casting From Aluminum Alloys, by V. I. Slotin,  
G. I. Eskin. 11 pp.  
RUSSIAN, rpt, Liteynnye Alyuminiyevyye Splavy,  
Svoystva, Tekhnologiya Plavki, Lit'ya i Term-  
cheskoy Obrabotki. Sbornik Statey, 1961,  
pp 171-180.  
AIR/FTD/HT-23-1648-67

sci/materials  
mar 69

376,527

Casting Properties of Metals and Alloys, by A. M.  
Korol'kov.

RUSSIAN, bk, Liteinye Svoistva Metallov i Splavov,  
1960.

\*CB  
6

Oct 61  
publ estimated for 2nd Quarter 1962

15,000,000 Television Sets, by Professor P.  
Shmakov, 3 pp.

RUSSIAK, per, Literatura i Zhizn', No 2, 18 Dec  
1959.

USASIA: 8C-250b/60

XXXXX  
USSR  
Econ  
Jun 60

120,173

On the Question of Determining the Coefficient  
Discharge of Gating Systems for Steel Mold Casting,  
by M. A. Kremer, V. H. Dudorova. UNCLASSIFIED

RUSSIAN, per, Liteynoye Delo, No 1, 1954, pp 17-23.

Navy Tr 1058/NRL 480

Scientific - Min/Metals

18,947

Regulation of the Structure and Properties of Cast  
Iron With Spheroidized Graphite, by B. S. Mil'man,  
25 pp.

RUSSIAN, per, Lit Prois, No 2, 1951, pp 6-11.

Sci Mus Lib No 54/1375

Scientific - Minerals/Metals

Aug 54 CTS

16,788

Liteynoye Proizvodstvo      No 8, 1951, pp 6-7

Production Technology of Cast Iron Shot  
author: I. P. Belenovskiy et al

10679      ST-438      SR 1 May 52

Concerning the Treatment of Aluminum Magnesium Alloys in the Liquid State, by M. F. Odina, M. V. Sharov.

RUSSIAN, per, Liteynoye Proizvodstvo, No 9, 1951,  
pp 26-27.

ML M 8819

Sci - M/M  
Mar 63

225,396

'Drying' (Curing) of Foundry Sand Molds by the  
Use of Carbon Dioxide, by S. I. Sycov,ev,

RUSSIAN, per, Lit Proiz, Vol III, No 1, 1952,  
pp 5.

Scientific - Chemistry

21,077

Brutcher Tr No 3410  
\$1.90

Feb 55 CTS

Ways of Intensifying the Combustion in the  
Cupola, by L. M. Marienbakh, Yu. S. Sukharchuk.

RUSSIAN, per, Lit Proiz, Vol III, No 2, 1952,  
pp 15-17.

Brutcher Tr  
No 3395

*A 6.70*

Scientific - Minerals/Metals

CIS/DEK

*19,512*

Effect of Mold Wall Thickness Upon Solidification of  
Ingots, by N. N. Rubtsov, G. P. Balandin.

RUSSIAN, per, Lit Prois, No 4, Apr 1952, pp 16-19.

Butcher No 3209  
8.40

Sci - Min/metals

40,658

Steel-Melting for Shape-Casting, 4 pp.

RUSSIAN, per, Liteynoe Proizvodstvo, No 5,  
1952, pp 1,2.

Sci Tr Center RT-2650

Scientific - Min/Metals  
Jan 56 CTS

29,719

Cupola With Oxygen-Enriched Blast, by  
V. N. Filippov,

RUSSIAN, per, Lit Prois., No 5, 1952,  
p 27.

23, 143

Butcher Tr No 3429  
\$1.75

Scientific - Min/Metals

Apr  
May 55 CBS

<p>Turbovskii, M. M. LIQUID MODIFICATION. [1961] 5p. Order from ATS \$8.00</p> <p>Trans. of Liteinoe Proizvodstvo (USSR) 1952, no. 6, p. 16-18.</p> <p>DESCRIPTORS: *Liquid materials, Processing.</p>	<p>62-12154</p> <p>I. Turbovskii, M. M. II. ATS-46N56R III. Associated Technical Services, Inc., East Orange, N. J.</p>
--	---

RS - 3341

(Metallurgy, TT, v. 7, no. 4)

Office of Technical Services

Influence of Chemical Composition Upon the ~~MAX~~  
Hardness of Cast Iron, by N. K. Ipatov

Full translation.

RUSSIAN, per, Liteinoe Proizvodstvo, Vol III,  
No 8, 1952, p 28.

Brutcher Tr No 3063

Jul 53 CTS/DEX

Scientific - Minerals/Metals      Price \$1.90

3511

Tuyere for Blowing Oxygen Into Forehearth of Cupola,  
by V. A. ~~██████~~ M. A. Khabarov.  
FuKiev,

RUSSIAN, per, Litsinoe Proizvodstvo, Vol. III, No 9,  
1952, pp 24-25.

Brutcher Tr No 3299

Scientific - Min/Metals

141717

Dec 54 CTS/DEK

\$3.70

Crystallization Characteristics in Centrifugal  
sting, by L. S. Konstantinov

USSIAN, no per, Liteinoe Proizvodstvo, No 9,  
52, pp 30-33

Brutcher No 3242  
\$8.20

Scientific - Min/Metals  
b 56 CTS/dex

31, 231

Continuous Casting of Gray Iron, by A. N. Mysocedov,  
I. R. Dudnik

Full translation.

RUSSIAN, per, Liteinoe Proizvodstvo, Vol III, No 11,  
1952, pp 2-5.

Brutcher Tr No 3096

Jul 53 CTB/DEX

.....Scientific - Minerals/Metals

Price \$8.25

3501

Production of Sheet (and Strip) Directly From  
Molten Cast Iron, by V. V. Gusev

RUSSIAN, no per, Lit. Proiz, Ex No 11, 1952,  
pp 5-8.

Brutcher Tr 3097

Sci - Min/Metals  
Sep 56 CTS

\$ 7.85

38,545

Electrospark Surface Hardening of Metallic  
Objects, by G. P. Ivanov, N. D. Titov.

RUSSIAN, per, Litainos Proizvodstvo, No 1,  
1953, pp 21-22.

Brutcher Trans 3544  
\$2.90

Sci - Minerals/Metals

*Sci Mus Lib 57/4294*

*29,817*

A New Piston Ring Material, by E. A. Sukhobol'skaya,  
RUSSIAN, no per, Lit. Prois, No 2, 1953, pp 21-23.

Brutcher No 3241  
\$4.20

Sci - Engineering  
Dec 56 CTS

41, 4/8

Use of Magnesite-Chrome Refractories for Cupola  
Linings, by N. P. Nikolaichik.

Full translation.

RUSSIAN, no per, Litoy Proiz, Vol IV, No 3, 1953,  
pp 18-19.

Brutcher Trans No 3129

Scientific - Minerals/Metals

Sep 53 CTS

\$1.90 price

4844

Effect of Magnesium Upon Surface Tension, Supercooling,  
and Crystallization of Austenitic Steel, by N. S.  
Kreshchanovskii, R. P. Zalatsava.

Full translation.

RUSSIAN, no per, Litay Proiz, Vol IV, No 3, 1953,  
pp 20-21.

Brutcher Trans No 3130

Scientific - Minerals/Metals

Sep 53 CTSg

\$3.00 price

4843

On the Nature of Eutectic Graphite in Gray Iron, by  
K. P. Bunin, L. A. Dolinskaya.

Full translation.

RUSSIAN, no per, Litoy Proiz, Vol IV, No 3, 1953,  
pp 21-23.

Brutcher Trans No 3131

Scientific - Minerals/Metals

Sep 53 CTS

\$3.80

4846

Making Steel Castings From Steel Produced in a  
Small Converter, by M. A. Solntzen, L. M.  
Chemodanov, A. A. Kuzin, 9 pp.

RUSSIAN, per, Litseynoye Proizvodstvo, No 5,  
1953, pp 8-11.

SLA 60-18839

Sci

Apr 61

146,089

Effective Methods of Inoculating Cast Iron, by  
A. F. Durnienko.

RUSSIAN, per, Litainoo Proizvodstvo, Vol IV, No 6,  
1953, pp 9-15.

Brutcher Tr 3162

Scientific - Minerals/Metals

Price \$1.75

Nov 53 OIB

7283

On the Theory of the Graphitization of White  
Cast-iron and Steel, by M. A. Krishtal, UNCLASSIFIED

RUSSIAN, per, Lit Proi, No 6, 1953, pp 22-24.

*submitt-00/3609*  
Co-op Tr Sch 75

L 1.48.(3s. Od.)

Scientific - Min/Metals

*17769*

Experimental Application of Waterglass When Making  
Foundry Molds, by P. I. Shportenko.

RUSSIAN, per, Liteinoe Proizvodstvo, No 8, 1953,  
pp 17-18.

Brutcher Tr  
No 3622

30,258

Scientific - Engineering

Jan 56 CTS/DEX  
\$2.90

The Strength of Cast Iron With Nodular Graphite,  
by I. V. Kudryavtšev, N. B. Baranova, 9 pp.

RUSSIAN, per, Liteynoe Proizvodstro, No 9, 1954,  
pp 6-10.

Sci Mus Lib 55/2155

Sci - Minerals/Metals

29,905

Coop Trans Sch. 153

On the Structure of the Austenite-Graphite Eutectic  
in Gray Iron, by K. P. Bunin et al

RUSSIAN, per, Lit Proiz, Vol IV, No 9, 1953, p 25.

Brutcher Tr 3199

Scientific - Minerals/Metals  
Jul CTS/DEX

Price \$1.90

15,969

Production of Cast Iron With Nodular Graphite  
Using Alloys With Low Magnesium Content, by  
A. K. Fambulov, I. N. Yukalov, 3 pp.

RUSSIAN, per, Lit Froiz, No 10, 1953, pp 29-30.

Sci Mus Lib No 54/0419

Scientific - Minerals/Metals

12,676

Jul 54 CTB

Sulfur Removal From Cast Iron by Treatment with  
Magnesium, by K. I. Vashchenko, P. V. Avrinskiy,  
B. M. Pashkovskiy,

RUSSIAN, per, Lit Proiz, Vol V, No 1, 1954,  
pp 9-14.

Butcher Tr No 3386

Scientific - Min/Metals

13,727